



# Saffire LX™

Elevating the Guest Experience

 We make access in  
 life smart and secure.

**dormakaba** 

Saffire LX electronic hotel lock features sophisticated RFID technology in a contemporary, understated design. Its high performance represents a secure, flexible solution bringing online capabilities and convenience to satisfy the technology needs of hotel properties, while optimizing the guest experience.

#### **Mobile Access**

The Saffire LX is equipped with Bluetooth Low Energy (BLE). Using the dormakaba Mobile Access Solution, guests can conveniently use their mobile device to access their room and common areas in the hotel when doors are equipped with Saffire LX.

Saffire LX is offered as a BLE-enabled lock that you can combine with a dormakaba mobile access program to make mobile access a reality - simply and securely. Convenient, reliable and secure for both the hotel property and guests, dormakaba Mobile Access Solutions is a secure end-to-end mobile credential system utilizing Bluetooth Low Energy (BLE), the preferred communication technology for dormakaba hotel locks.



#### **Ambiance Access Control Management Software**

The Saffire LX is supported by Ambiance, dormakaba's most modern access control software. Ambiance is the most flexible and scalable access control solution, developed to power your dormakaba electronic hotel locks and control access throughout your property. Ambiance meets the customer experience expectations by focusing on qualities that enhance the hotel daily operations: value, connectivity, mobility, security, scalability and overall user experience.



#### **Ambiance Remote Lock Management**

Ambiance offers a remote lock management option allowing properties to benefit from the ultimate guest experience in security and guest management. When paired with Saffire LX or any dormakaba online RFID hotel lock, Ambiance allows staff to monitor door activity through a series of notifications regarding events that occur to the lock.



Saffire LX is the innovative solution that combines smart-security with aesthetics to harmonize with progressive hotel technology and amenities.

Simply Saffire LX.

## Applications

Saffire LX is designed for your guestrooms, common areas and back-of-house access control. It is suitable for small to very large-scale properties, making it an ideal solution for your new construction and renovation projects or when you are replacing doors. The installation process is eased thanks to a simplified door preparation.

## Low Maintenance

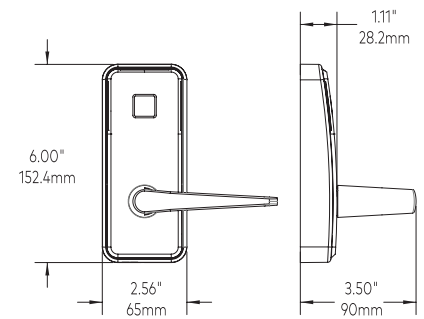
Easy to use and requiring minimal maintenance, Saffire LX operates with a completely sealed contactless reader. In addition, the 3AA batteries last up to two years or up to 80,000 openings. When the batteries are running low, the lock indicator alerts staff that they need to be changed soon.

The Saffire LX programming and audit records are not erased during battery replacement.

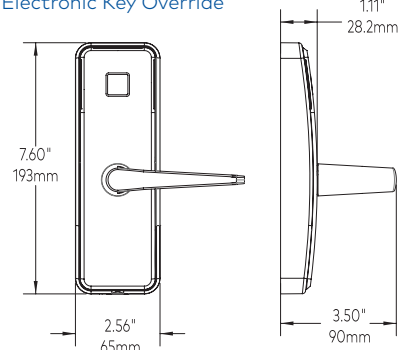
## Security Features

Saffire LX provides security, efficiency and convenience to create a positive guest experience:

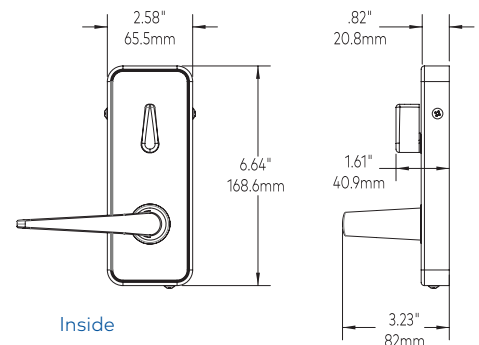
- Access tracking: the lock writes information on staff RFID keycard for enhanced staff monitoring
- Saffire LX is offered with mechanical or electronic override for emergency access
- Saffire LX is optionally equipped with a tracking mortise allowing hotel staff to receive door ajar reporting



Electronic Key Override



Mechanical Key Override



Inside




### About dormakaba

The merger of DORMA and Kaba has strengthened our Saflok and Ilco brands. From this position of strength, we will dedicate more resources to research and development and continue to innovate lodging systems that build excitement to make access in life smart and secure.



## Mechanical Features

Description	Heavy duty electronic lockset (mortise or cylindrical) with clutch mechanism and built-in contactless RFID reader			
Handing	Left or right factory handed mortise, field reversible handing (lever and mortise)			
Lever	Von, Troy and DIN* lever (field reversible)			
	*DIN lever available in Europe only	Von	Troy	DIN
Finishes	Satin chrome, satin brass, satin chrome oceanfront Optional: inside housing with black polycarbonate finish			
Door Thickness	From 1 3⁄8" to 2 1⁄2"(35mm to 66mm) Europe: 35mm to 55mm			
Standard Backset	ASM: 2 3⁄4" (70mm) Cylindrical unit: 2 3⁄8" - 2 3⁄4" (60mm – 70mm) Europe: 55mm or more			
Locking Options	ANSI lock case with 1 1⁄4" or 1" lock front mortise Optional automatic deadbolt			
Batteries	3 AA for 2 years or up to 80,000 openings. Low battery indicator alerts staff that batteries need to be changed soon			
Concealed key override	KIK core (keyed-alike, master key, recodable).			
Remote Lock Management	Ambiance Remote allows hotel staff to monitor door activity through a series of notifications.			

## Mobile Access

BLE enabled	BLE integrated. Ready to operate using dormakaba mobile access solutions
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## Lock Operation

Date/time stamp	Real time: date and hours/minutes
Programming & audit trail downloading	Hand Held Programmer and lock utilize Near Field Communications (NFC)
Preregistered keycards	Up to 10 days in advance
Keycard expiry	From 1 to 7 years, depending on type and setup
Passage mode	Set by authorized keycard
Lockout mode	Set by authorized keycard
Keycard accepted	Three credential format options available: Mifare classic, Mifare plus or Mifare Ultralight C - Mifare classic: guest keys (mini), staff (4k & 1k) - Mifare plus: guest keys (Mifare plus 1K), staff keys (Mifare plus S 1k, Mifare plus S 2k, Mifare plus S 4k) - Mifare Ultralight C: guest keys
Feedback	LED light indicators
Diagnostics	Light indicators and handheld display
Audit memory	up to 4000 events
Privacy override	Default emergency keycard only (user selectable)

## Certification & Testing

Accessibility standard	ADA (Americans with disability act) compliant levers
Fire rating	Meets UL 10C and ULC S-104, on fire door rated up to and including 3 hours with dormakaba ANSI mortise lock case and cylindrical lock.
North America Standards	Pending tests for: - BHMA/ANSI: Grade One performance tests for "ANSI/BHMA A156.13 "American National Standard for Mortise Locks and Latches," and "ANSI/BHMA A156.25 "American National Standard for Electrified Locking Devices." (Only locks tested and approved by non-biased third-party test lab are allowed in the "BHMA Certified Products Directory" found at <a href="http://www.buildershardware.com">www.buildershardware.com</a> ) - Florida Building Code: Certification for windstorm and HVHZ (High Velocity Hurricane Zones)
Europe Standards	Pending tests for: - EN1634-1 Fire resistance test for door and shutter assemblies and openable windows: Listed for 30 minute and 60 minutes fire doors with ANSI mortise lock case and DIN mortise lock case - EN12209 Mechanically operated locks, latches and locking plates: Certified ANSI mortise lock case and DIN mortise lock case
Electronics	Compliant with CE 61000-4-3 and CE 61000-4-4 for electromagnetic compatibility and FCC part 15 requirements.
Environmental operating conditions	-95°F to +158°F (-35°C to +70°C) 0% to 90% non-condensing humidity at 86°F (30°C) Pending test for: IP54

## Warranty

Standard warranty	Two years
Extended warranty	dormakaba service plans available